

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: "Lonely Vigil"
Message-ID: <Pine.ULT.3.95.970217095535.19688A-100000@admin.aurora.edu>

I just finished reading this book by Walter Lord.
Besides the 3-B-Z Teleradio, he also mentioned a more compact
portable short-range set. Anyone know what this was and if any
of them or any of the 3BZ sets are still around anywhere?

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Bill Meara <wmeara@erols.com>
Subject: 6T9 One tube transmitter
Message-ID: <199702171400.JAA06003@smtp2.erols.com>

Anchorologists: This is really a glowbugs kind of question, but I know if I
start reading that list, I'll soon be in total e-mail saturation.

I want to build a little one tube transmitter. I looked through some old
handbooks and found a neat looking little circuit in the 1973 edition. It
uses one 6T9 Tube with the triode section oscillating and the pentode
amplifying.

Any comments on this circuit? Any words of wisdom on this? Any suggestions
on other rigs I should consider building? I'm primarily interested in 80
and 40 CW.

Thanks -

73 De N2CQR
Bill Meara
Hallicrafters, Heath's and Hammarlunds
QTH: Falls Church, Virginia, USA
Formerly of Tegucigalpa, Bilbao and Santo Domingo
wmeara@erols.com
<http://www.mindspring.com/~johnmb/billm.htm>

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997

From: "Roger A. McCarty" <rmccarty@deltanet.com>

Subject: Re: 6T9 One tube transmitter

Bill Meara wrote:

>

> I want to build a little one tube transmitter. I looked through some old
> handbooks and found a neat looking little circuit in the 1973 edition. It
> uses one 6T9 Tube with the triode section oscillating and the pentode
> amplifying.

>

> Any comments on this circuit? Any words of wisdom on this? Any suggestions
> on other rigs I should consider building? I'm primarily interested in 80
> and 40 CW.

>

> Thanks -

>

Bill,

I built one of these rigs about ten years ago. In fact, it was my first transmitter upon returning to the hobby after a long hiatus. I can tell you from experience that it is a joy to build AND operate. It has enough power to permit enjoyable Qso's, as opposed to the sometimes frustrating experiences of REAL qrp operation (My opinion). I'd say go for it, I think you will have fun.

Btw, Somewhere along the line I lost my "6T9" and I would like to build another. I recently sold about 500 tubes. I pulled one out of the lot to save, which was a solitary 6T9, for just this occassion. If you have the inclination or opportunity, I would very much appreciate a copy of that schematic.

Also, not very long ago there was a thread on this list on this transmitter. You may want to browse the archives to read what others have said.

Roger KD6CC

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997

From: Sandy W5TVW <ebjr@worldnet.att.net>

Subject: Re: 6T9 One tube transmitter

Message-ID: <19970217221944.AAA27503@LOCALNAME>

At 02:02 PM 2/17/97 +0000, you wrote:

>Anchorologists: This is really a glowbugs kind of question, but I know if I
>start reading that list, I'll soon be in total e-mail saturation.

>

>I want to build a little one tube transmitter. I looked through some old
>handbooks and found a neat looking little circuit in the 1973 edition. It
>uses one 6T9 Tube with the triode section oscillating and the pentode
>amplifying.

>

>Any comments on this circuit? Any words of wisdom on this? Any suggestions
>on other rigs I should consider building? I'm primarily interested in 80
>and 40 CW.

Just finished putting one together! I am using the ARCO padder cap
for the "loading" half of the PI-net. For the coil "forms" I am using 4 pin
tube bases.

You can wind the coils instead of using the B&W Miniductor! I had a junk
transformer I used on mine. The whole mess is built into a 4 X 5 X 6 box.
Mine runs about 8 watts input and 4 watts out. The keying sounds gorgeous.
It is a pretty hard to beat circuit for a QRP rig that's "hollow state"!
Personally, I think the 6T9 could stand 350 volts on it easy, as the tube
seems to be running very cool with 250-275 volts under load on it.
I tried to increase the screen voltage, but VHF parasites start creeping in.

I think the first to hear it was Dennis, W5FRS. 6T9's are STILL
cheap at \$2.30 each at AES. If you wanted to do it on the "super cheap",
you could pull the AF output tube
(6V6, 6AQ5, 6F6 etc.) of your BA receiver, use headphones via a matching
transformer on the first audio stage, and steal the 6.3 v. and the B+ from
the screen grid pin of the
ex-AF output stage! This wouldn't make any modification that wasn't easily
reversible to the receiver in question (like an S-40, HQ-129, NC-57, NC-125
etc).

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes

Butternut HF2V antenna, G-R test gear.....

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997

From: mashaum@fcg.net (Mark Shaum)

Subject: 75A4 agc info sought

Message-ID: <M.021797.134922.82@NE9G.statefarm.com>

Folks, I've been chasing down a drifty S-meter zero point in my 'A4 (went from S4 to S0 over a 30 minute warmup, then is rock solid) and have managed to eliminate some (but not all) of the drift by replacing caps associated with the two IF stages that the S-meter is tied to. I'll get the drift licked yet.. I've reduced it by about 60% so far. Any tips on particular components to look at? Tube substitution didn't help, heating components with a heat pistol didn't cause any changes, and some of the capacitors I replaced showed no leakage, although replacing them did reduce the drift. Including one .005 disk ceramic cathode bypass!

Also, the zero-signal voltage on the AGC bus (measured at the test point) is about -1.2 volts. Is this normal? This bias comes from the RF gain control through the AGC gating diode. The manual specs voltages that are 'normal' with the RF gain backed off until the S-meter reads S9, which doesn't help me out much when trying to check zero-signal/max gain levels. A resistor in series with the RF gain pot is "factory adjusted" to set this minimum AGC bias, but no clues as to what voltage it should be or what criteria is used for selecting the resistor. My set does seem to meet specs with respect to sensitivity, and I can set the IF gain per the manual for the suggested 3 uv input at commencement of AGC action. But I'm wondering about that -1.2 volt bias a little. (It doesn't drift with time, so probably doesn't have anything to do with my S-meter drift). Any suggestions?

73! - Mark

Mark Shaum, K9TR
mashaum@fcg.net

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: hdmeitzen@champion.aclic.com (HD Meitzen)
Subject: AC Cords
Message-ID: <9702171904.284C90@champion-0845.aclic.com>

I have purchased some older test equipment HP. The AC plug uses a oval three pin AC cord plug in not the new square type as . Anyone in BAdom know where I can buy 4 of these AC cords??
Let me know
Much Thanks
Dave

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: Robert Nickels <ranickel@mwci.net>
Subject: BA Books
Message-ID: <330909BA.1AE4@mwci.net>

Hi Gang,

My BA Book List is up to 65 entries, and while I've added all those that have been e-mailed or appeared on the list, I'd like to add more. The list includes fiction categories of Military, Spy, Crypto, Juvenile, and more. And of course non-fiction reference books.

I just received a new book from Lindsay that will be of interest to list members:

"Secrets of Homebuilt Regenerative Receivers" by C.F. "Rock" Rockey, W9SCH.

This is an original 1996 publication, not a reprint and combines a bit of history, theory of radio frequency detection, and both firebottle and (brace yourself) FET regen projects (sand-state version of the classic 1930 Doerle, for instance). Lots of practical hints and ways to replicate vintage parts using modern equivalents. A neat book, and affordably priced by Lindsay Publications, Box 12, Bradley IL 60915-0012.

I also picked up an interesting book "The Radio Amateurs Handbook", by A. Fredrick Collins, edited by Robert Hertzberg 13th edition 1976. It seems a bit odd to see transistor theory in the technical section and an AF-67 in the chapter on mobile operation. But here is one POW (pearl of wisdom) that applies to any ham era:

"When space on the operating table becomes crowded, amateurs usually build vertically"!

73, Bob W9RAN

send BA book suggestions to:
ranickel@mwci.net. Give author, title, short summary, publisher, and ISBN number if possible. Thanks!

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: BA/GB Net funzies over the weekend.....

Message-ID: <9702171755.AA157531@csemail.cropsci.ncsu.edu>

I had great fun this weekend on the BA/GB QRG with the ArcusFivus TX/RX going strong at around 5-10 watts output depending upon how hard I pushed the coupling knob. That RX was hot as a firecracker, and I was running QSK with a 12 inch indoor antenna on the RX. Add a couple of back to back sillycon diodes across the audio output to clip the peaks and keep the tin cans from blowing me earbones out, it works great as a fine and sturdy example of WWII BA/QRP QSK. After a lot of unmodifying the rigs to get them back to original (darn early day conversions continue to plague my conscience), and finding a prized ARN-30 transistor dynamotor module, that receiver can hear DX well, as well as half the 80M CW band all at once. Judicious use of a beam filter on the audio makes it fine and it will run with the big dogs and their HighFalutin' rigs then, and they don't know the difference. A 5ufd cap across the key to assist the selector relay in its keying habits and it QRQ's to 35wpm no sweat. So, I continues to pass along the challenge ta gets ye yer ArcusFivies up and cuttin' a few mean holes in de ol' BA/GB QRG!

73/ZUT DE NA4G/Bob UP

ps. Fer those of ye wats got daytime to play with on 80M, give a listen on the BA/GB QRG in the late afternoons for ol' ``Brack''/W4JRU, a retired chops wat runs a 40's regen receiver and 6DQ6 single tuber and is a gas to chat with about BA/GB gear. He ran all kinds of the old gear professionally in WWII, and knows the insides out of them.

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: don merz <71333.144@CompuServe.COM>
Subject: Baran's
Message-ID: <970217192005_71333.144_DHB75-7@CompuServe.COM>

I can also vouch for Baran's. Some BA list old timers will recall that I bought a whole bunch of stuff from them 2 years ago. They were very nice to deal with and had fair pricing on their stuff.

Anyone that would like to see what Baran's looked like 2 years ago can get a free video tour. I taped everything on my first visit there and still have sebveral copies of the tape that we could circulate clain-letter-style if anyone is interested just drop me an e-mail with your snail mail address and I will makde up a chain letter and send a tape to the first person on the list. It ain't Star Wars, but it's an okay tour through arces of military BA's and parts and JUNK!

73, Don

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Pete McCollum 17-Feb-1997 0944 -0700 <mccollum@ssdevo.ENET.dec.com>
Subject: blue glow from a 1625
Message-ID: <9702171645.AA03215@us3rmc.pa.dec.com>

I just finished building a modulator to use with a T-23/ARC-5 xmtr. It's a cross between an MD-7 and the TCS modulators (which are very similar).
>From back to front: a 100-watt xformer, a pair of 1625's, the mic xformer out of a TCS, and a T-1 carbon mic.

Anyway, I noticed that one of the 1625's has a blue glow on the glass, about 1/4" square, near the top. I presume it's emission coming out from the top of the plate (there's a gap). Then I noticed that when I talk into the mic, the blue patch 'wiggles' with the modulation. It's quite sensitive - just a light tap on the mic produces a clear wiggle.
The other 1625 has a piece of mica suspended between the plate and the glass, so I guess it puts a stop to this 'magic eye tube' effect.

My question is: why is the glow visible on the glass? Can anyone explain the physics of what's happening?

Thanks,
Pete
mccollum@ssdevo.enet.dec.com

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: radionostalgia@serv2.fwi.com (Jack C. Shutt)
Subject: Book For Sale
Message-ID: <199702172200.RAA28013@serv2.fwi.com>

Hello anchor fans:

I picked up an extra copy, so spare is for sale:

Radiotron Designer's Handbook, third edition, 1941 printing,
F. Langford Smith. smaller black book (not the BIG RED Book)
Very Good condition. \$15.00.

73, Jack, N9GT

Jack C. Shutt, N9GT
radionostalgia@mail.fwi.com
(219)493-3901

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: books fs
Message-ID: <199702171714.MAA07235@mail-e2b.gnn.com>

If you read my previous posting you probably know by now that i'm hopelessly addicted. 40 years worth.

As an effort to change my lifestyle I'm gonna get rid of some of this stuff starting with these "multiple" books I have.

- 1: Surplus radio conversion manual, vol. #1, second edition,
1948 This is the orange manual and there are 2 copies
available. \$10 ea.
- 2: Surplus radio conversion manual, vol. #2, 1948. Two (2) `
copies are in green and 2 copies are in yellow. \$10 ea.
- 3: CQ magazines "COMMAND SETS" 1 copy @ \$10 ea.
- 4: CQ Technical series "Surplus Conversion Handbook" by Tom
Kneitel, K3FLL/WB2AAI. 1 copy @ \$10 ea.
- 5: CQ technical Series "Surplus Schemats Handbook". 2 copies @
\$10 ea.
- 6: Not a book but a Harvey-Wells "Z" match antenna matching
unit. Much sought after. Probably an 8. Original
everything from knobs to meter to u name it. \$125 and I
ship.
- 7: Shure 444 mic I bought for my "S" line which I no longer
have. 3 connector plug, tip/ring/sleeve. installed. Pretty
decent. About a 7 to 8. Not sure what mics are going for.
Probably \$40.

Theres more to follow

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TA0, KN6TUP

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: Books FS etc
Message-ID: <199702171657.LAA09548@mail-e2b.gnn.com>

I think one of the things that finally hit me was a noticeable shortage of components. Ever wonder what happened to all the stuff that was made but no one can find. How many of your friends have stuff stashed away that they are saving for a "rainy day" project.

I'm like that. I have so much stuff here that I don't even know what I have any more. For instance, I need to do some capacitor replacement in my SLR-F. Where in the world am I ever gonna find 4 mf at 600V caps without having to refinance the house. Aha. Whats this in this box? What? 4 brand new, never been screwed in place nor soldered to lugs on the exact capacitor. WOW. Wonder what else I can find. Another box of new, not in the box can type electrolytics. Same thing with transformers, resistors, coils (air wound), several chassis. mygawd. Here there are people that are looking for this stuff and I'm setting on it. WHY? Capacitors sometimes go bad, coils get squashed, transformers get throwed away because of weight and so they bring junk weight prices while you drive hundreds of miles to find what you hope is the right one, while your ham buddy down the street probably had dozens of them he doesn't know what to do with but hates to throw them out. At least til the wife sez "do it or else". I kinda like the "or else" phrase myself.

Only problem is is that I can't sell all this stuff locally. Only resource is ER magazine, QST, CQ and other publications including the "net". How are we gonna get the word out? When I move in a couple years I'm gonna have a heck of a mess to move. Anyone want to come by the house with a truck and help lighten the load.

Boxes of tubes laying around. Probably 90% or more tested and/or in boxes! WHY am I holding on to this stuff when you guys are

looking for it?????

No wonder my house is sagging.

And I buy more. Its truly an addiction. Is there a remedy available cheap?

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TA0, KN6TUP

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: jproc@bellglobal.com
Subject: CW Today Column
Message-ID: <Chameleon.4.01.2.970217202922.jproc@>

Dear BA'ers,

One of our BA brothers, namely, Larry Kayser VA3LK, is now at the helm of a new bi-monthly column in The Canadian Amateur Magazine. Its titled "CW Today" and is intended to deal with all aspects of CW in a positive light.

Congratulations Larry! Will be looking forward to your fine efforts.

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
Radio Restoration Volunteer
HMCS Haida Naval Museum
Toronto, Ontario

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997
From: "Arthur Moe" <kb7ww@transport.com>
Subject: DECISIONS DECISIONS DECISIONS "long"
Message-ID: <199702170026.QAA10689@butch.transport.com>

DECISIONS DECISIONS DECISIONS or why I have to live on a budget. Well yesterday was the annual swap meet at Rickreall Or. I went with a list and not much money. and my XYL a bad plan??? She told me Friday night that she would like to go, so we went. This is the second time that I can think of in 30+ years that she wanted to go to a swapmeet. I will not try to detail all that was there and the prices other than to say if you don't have a table you miss most of good deals. Anyway on my list was an capacitor checker that took all of 5 minutes to find, found an EICO for \$10.00 offered \$5.00 it went home with me for \$7.00. Always looking for xtals and coax adapters I found 1 Bliley don't know what they were called but there about 2 in in diameter and 3/4 in thick black and screw together. (can someone tell me what style these are.) Also found 3 "C" to BNC adapters to use on the dummy loads that I found here on the internet \$2.50 for the three. At this point I had spent about \$15.00 and the XYL was happy.

Now to the decisions. In my modest collection of BA's I have a Millen 90800 exciter and a 90881 amplifier that someday I want to put on 80 meter AM. Well I have been looking for a receiver of about the same age to go with them, and in the last row of tables I see an National NC 2-40

with speaker for what I believe is a fair price. Not stoping to talk and drool I keep going thinking about what is it worth compared to what he is asking. I am just about to go back when out of the corner of my eye I spot an Measurements Crop (Boonton) Model 59 Megacycle Meter (grid dipper) in a travel case with all three heads. It looks new and the price is some what high, I think but for what it will do its not that

bad. Grid dip from 250 cycles to 940 MHz. In all of these years around this hobby I have only seen one Low freq. heads and never the UHF one. I have an model 59 on the bench at home and use it all the time but it won't go to 432 or 1.8 but I have used it for all kinds of things and

love it. The 59 is priced higher than the 2-40 and I can't get both, so I start trying to decide which one would be better in my shack. While I'm walking and thinking about this problem The XYL says YOU DON'T NEED either of them. Well I don't have the money for the model 59 but I do for the 2-40 I tell the XYL that I am short to get the model 59 , she hands me a \$50.00 and says now what are you going to do? Well I stand between both tables and look back and forth to see if anyone else was looking at them. In the end I decide on the 59. I have seen 2-40 before and may again but having not seen the model 59, case, three heads. If the owner of the 2-40 is at the next swap meet or here, I am putting some things up for sale and would like to talk.

Also I would like to thank the XYL for the loan.

Thanks for reading.

art

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: aculbert@pps1-po.phyp.uiowa.edu
Subject: DIN
Message-ID: <199702171823.MAA25344@ns-mx.uiowa.edu>

This is the preamble of a multipart message.
Mail readers that understand multipart format should
ignore this preamble. If you are reading this text,
you might want to consider changing to a mail reader
that understands how to properly display multipart messages.

---boundary:=540649265-169=:boundary
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

Gents and ladies,

DIN stands for Deutsche Industrie Normal. Or in English, German Industry
Standard.

These standards cover EVERYTHING you could imagine.

Al, KOAL

---boundary:=540649265-169=:boundary--

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>
Subject: DRAKE Help!!
Message-ID: <199702171757.LAA13081@legend.txdirect.net>

The following information (right or wrong) is from a friend having problems
with his Drake station. I have zippo experience with Drake so how about you
Drake experts send me your opinions on this problem? I will collect the
responses and forward to him.

<snip>

>Dear Gary,

From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Fair Radio Sales
Message-ID: <3308A703.3F3F@GHG.net>

Hiya Folks, just wanted to pass along the outcome of my latest BA purchase from Fair Radio, as it was very positive and highlights the fine people at Fair.

About three weeks ago, I ordered a bunch of R-390A parts from Fair Radio Sales of Lima, Ohio. Upon receipt, one of the several boxes showed a fair amount of external damage. Upon opening, I discovered that this was the box that contained the power supply module I had ordered, and that the bracket on it was smashed extensively on both corners, effectively destroying the unit.

Immediately, I filed a claim with UPS, as it had clearly been dropped not once but twice during shipping. They processed the claim, and informed me that I should call Fair and have them send a new one. Since it was after Fair had closed, I sent them a FAX explaining what had happened. The very next morning, I received an e-mail from Phil Sellati at Fair explaining that they would be sending another unit out, and that UPS should pay the shipping charges, which contradicted the woman at UPS. She indicated that shipping costs were my responsibility.

About a week later, I received a replacement unit and a post-card from Fair explaining that they had filed a claim with UPS and that everything was in order.

It is clear to me that Fair shipped me the new unit before they had their money from UPS. I was extremely pleased with the way Fair handled this incident, and with the speed that they got me a replacement part, even though I had told Phil that there was no rush as this was to be a spare unit, and wasn't needed for immediate replacement.

I salute Phil Sellati and the other fine individuals at Fair Radio Sales. I continue to be a satisfied customer.

Thanks and 73,
Ben

--

From the computer of	Collector of fine firebottle
Benjamin D. Hall, Houston Texas	equipment, as well as other things
BDHall@GHG.net (home) -or-	involving Earth, Air, Water, and
Benjamin.D.Hall1@JSC.NASA.gov	Fire.

PLEASE NOTE MY NEW HOME E-MAIL ADDRESS above. My old address, BDHALL@GHGCorp.com, will still work for a period of time however.

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: djw@unlinfo.unl.edu (Daniel Wright)
Subject: Favors...(>
Message-ID: <9702171442.AA26371@unlinfo2.unl.edu>

Greetings!

I apologize in advance if this is regarded as a "junque" post...
I just have to comment on the kindness and "brotherhood" of some
of the members of this list. Yesterday I sent out a query for an
Eico 320 manual and now I have one on the way from fellow
listmember Bill Meara. It is indeed a pleasure to be associated with
such a fine group of caring and gracious folks!!! I hope that I
have the opportunity to pass along the good will that I receive to
others on the list...Thanks guys...es

73 de Dan -- WA0JRD ..
djw@unlinfo.unl.edu

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Surplus Al <surplsal@tl.infi.net>
Subject: For sale
Message-ID: <33088E16.22E5@tl.infi.net>

Hi to all TNX for all the requests. I soon will have a complete run down
of

VT to Regular tube chart on the home page, or if anyone needs info
Email me. I have for sale 1-1 mhz xtal and 1- 200 khz in a oven 24vdc
for \$4.00 pp. The oven is from the R-392 & xtals are in a ceramic
socket. Also have HC-6/U crystal sockets 3 for \$1.00 Partial xtal
list available after Friday. All my xtals are only \$1.00 each + lil
postage. More later. Check my Home page
[Http://www.tl.infi.net/~surplsal](http://www.tl.infi.net/~surplsal) 73's to all. Al W3UGD

See all you BAers at Vienna

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: John <johnmb@mindspring.com>
Subject: Frontier Capacitors - special
Message-ID: <199702180120.UAA111562@mule1.mindspring.com>

I just got a nice shipment of caps from the nice folks at Frontier Caps. They offer a selection of film bypass caps (10@ of .001, .0047, .01, .022, .047, and .1 all at 630V, and 5@ of 10/22/33 and 47 uF 450 electrolytics postpaid for \$35, which seems fairly reasonable.

The interesting thing is, they do NOT take credit cards...call them and ask for what you want and they ship it out... payment is due on receipt.. a nice touch these days!

I have no relationship with them other than as a satisfied customer!
{their phone is 701-378-2341}

Best
/John

```
+-----+
                John Brewer                johnmb@mindspring.com
                WB50AU/4                    AMI #24
Vintage Gear web page: http://www.mindspring.com/~johnmb
+-----+
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From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: John Hurst <hurstjsj@gte.net>
Subject: FS Collins 75A3
Message-ID: <33090657.4BDF@gte.net>

For sale, very nice 75A3 (not a 75A2 conversion). Panel has one small chip, otherwise perfect. Dials, silkscreening, chassis, etc. a 9+. 3.1KC standard filter. Cabinet is an 8.
\$425 (or \$350 w/o cabinet; I can use it for my 51J). Prefer pick up in So Cal. Thanks, John, KU6X

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: FS NCX-3 & (2)PS's
Message-ID: <3308A82C.5D0B@foothill.net>

For Sale National NCX-3 transceiver with both power supplies (AC and 12VDC) Works good. Looks good. Appearance is an 8 on a 10 scale.

\$160 plus shipping.

Eugene Rippen, 105 Donnington, Auburn, CA 95603

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: w2ec@VNET.IBM.COM
Subject: FS - Hallicrafters S-53A
Message-ID: <199702172003.0AA04915@uro.theporch.com>

Rcvr needs some cleaning, cabinet is mostly just a dull hazy finish. A good cleaning and wax should shine it up nice. One scratch on the upper left corner (not on the front panel itself, but on the edge where the panel wraps around to the side). A few other small paint flecks, mostly on the sides and top. The front panel itself is good. There is some very light surface rust where the paint flecked, I can rub it off with some finger pressure so no damage, just needs cleaning. Chassis itself isn't bad either. Needs cleaning but what doesn't. There is one mod, someone added a 1/4" phone jack for headphones on the right side of the hinged cover. Looks neat but not original. Back panel is pretty good, all sockets, terminals, switch and phone terminals in good condition, no damage. Power cord is very brittle and cracked where it enters the chassis. Needs replacing.

There's good news and bad news. The good news is it fires right up and is operating great. All bands are getting good signals and appear aligned except the 6 meter band (E). This band is way out of alignment. I fired up my 6 meter rig and found the 50.4 signal up above 54mc. Operationally, it will need some tweaking for alignment on 6 meters. On the other bands, I'm getting great signals with just a 6 foot wire hanging off the back, in my cellar shack. Audio output is great. Now for the bad news. None of the knobs appear to be original. They don't look like the knobs in the Moore book picture of an S53 and I doubt they changed that much going to the S-53A. The knobs all match, they just don't look like the ones in the book. Never having seen another S53A, just the one picture of the S53, I'm not sure if they are original knobs or not.

So basically we have a receiver that needs a reasonable cleaning, may need to have some original knobs (at least they don't look like the ones on the Moore book S53) but is working just great, with alignment needed on Band E (VHF).

I'm asking \$60 or higher offer, plus shipping, by Thursday 21 FEB.

73, Ray W2EC w2ec@vnet.ibm.com

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: FS DX-60B
Message-ID: <3308B2E3.6CBA@foothill.net>

For sale, Heathkit DX-60B works, Appearance is an 8 on a 10 scale.
\$70 plus shipping.

Eugene Rippen, 105 Donnington, Auburn, CA 95603

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: Tom Lemar <lema@ols.net>
Subject: FS GLOBE KING 500B
Message-ID: <3308D164.2132@ols.net>

Anyone in the Winston-Salem NC area interested in a Globe King 500B.
This is an estate sale and they are asking \$1000.00 Pick up only.

The King needs some cleaning and has had a mod in the speech amp
section. It has no cage over the final section and no back door.
Other than that, I think it would clean up and make nice unit for
someone.

If interested, send me a E-Mail and I will put you intouch with
the family.

Tom Lemar
lema@ols.net

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: Eugene Rippen <soundval@foothill.net>
Subject: FS Swan Cygnet 260
Message-ID: <3308B296.2919@foothill.net>

For sale SWAN CYGNET 260 transceiver. Self contained AC and DC PSís
Works, Looks like an 8 on a 10 scale. No Mike. No Manual.
5 bands, 80 -10 meters
\$130.00
Add shipping.

Eugene Rippen, 105 Donningtoin, Auburn, CA 95603

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: hdmeitzen@champion.aclic.com (HD Meitzen)
Subject: FS: 75A4 and KWM2
Message-ID: <9702171426.294ED4@champion-0845.aclic.com>

The 75A4 is loaded 3.1kc,2.1kc,500hz. Unit is 9.0 spinner knob,
serial # 1192 with speaker 270G2. \$1500

The KWM2 is a 9.0 with PM2. The PM2 is a 8.0 \$675

You can call to discuss day 630 577 8131
Thanks
Dave

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: "michael ferraro" <ferraro@sprintmail.com>
Subject: FS: Collins KWM-2 + 516F2 pwr supply
Message-ID: <199702172246.0AA09290@mailgate32>

I have a very nice Collins KWM-2 and its 516F2 powersupply with original
manualon a scale of 1-10 its an 8. It has been my main ssb setup for 4
years and I have consistantly received excellent audio reports. A
beautiful set to look at and to operate.

Price is \$ 600 firm and i will ship for that price.

73's de k6zsr "mike in montecito"

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Steven Wenger <swenger@fgi.net>
Subject: FS: Johnson Ranger Meter
Message-ID: <Pine.LNX.3.95.970217123405.22239A-100000@um.fgi.net>

Have a meter for Johnson Ranger in very good condition - \$40.

73,
Steve Wenger KA9QLF
(217) 243-3920

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: rwayne@CTC.Net
Subject: FS: Original Manual for Globe Scout 65A
Message-ID: <330885F0.75B5@ctc.net>

I have for sale an original manual for the Globe Scout model 65A. This manual is in excellent condition and includes the step-by-step kit building instructions. There is no pen/pencil writing on it. Slight small blemishes on front cover.

\$15 shipped.

Please reply via e-mail to: rwayne@ctc.net

73,
Richard W4LN

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: JRininger@aol.com
Subject: FS: TCS Transmitter and Receiver
Message-ID: <970217194529_583788361@emout13.mail.aol.com>

I have for sale a pair of TCS radios, one transmitter and one receiver.

The receiver is a TCS-15; the plaque is missing from the transmitter but I believe that is is a TCS-12. Both are complete and appear unmodified, but I have not tested them for electrical operation. Front panels are faded but not gouged or otherwise defaced.

Best offer over \$150 plus shipping/packing from ZIP 93430; my guess is that they will ship at about 40 pounds each. I will take bids until 2/21/97.

Please email offers/questions.

73,
Jeff
N6MNI

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: FS: TS-520 Crystal Filter kit
Message-ID: <308b5c10@scs.philips.com>

Since the TS-520 does have tubes, here goes:

I have a single kit to adapt a TS-520-S or SE series transceiver for 16 poles

of crystal filtering. This kit is built around a YF-33 crystal filter from Fox-Tango Corporation. It has a constructed pcb and simple instructions. The crystal filter is 1.8 KHz wide and centered on 3395 KHz, in contrast to the 2.4 MHz factory filter.

First \$25 gets it (postage paid).

Brian Harris WA5UEK

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997
From: Steven Wenger <swenger@fgi.net>
Subject: FS: Viking II & 122 VFO
Message-ID: <Pine.LNX.3.95.970216170525.9541A-100000@um.fgi.net>

Greetings,
Have a Johnson Viking II and 122 VFO; Works great, cosmetically a 5 - \$150. Pick up only.
73,
Steve KA9QLF
Jacksonville, Il.
(217) 243-3920
swenger@fgi.net

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>
Subject: GRC 13 xtals & case FS
Message-ID: <2.2.16.19970217103351.2bf72af8@eitel.eimac.cpii.com>

Hello all

I was talking to my friend Roy on the phone when he happened to mention he had these xtals for the GRC 13. Anyone out there with a GRC 13 looking for xtals can call Roy out here in Calif at 209 935 0587. The best time to call Roy is between 8 to 9:30 PM PST.

Good luck
Paul N6FEG

Paul Thekan - Speaking for Himself
Paul.Thekan@eimac.cpii.com

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997
From: w5jv@juno.com (J. Douglas Hensley)
Subject: Hallicrafters Transmitter wanted

Message-ID: <19970216.191735.5159.12.w5jv@juno.com>

Hello folks...before the weekend ends I wanted to inquire of the list whether anyone has any Hallicrafters transmitting equipment for sale.

I'm particularly interested in finding an HT-9, HT-20, or more modern: HT-32B.

Replies to my email address: < W5JV @ juno.com >

73's to all -- Doug W5JV

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997
From: kb9iua@juno.com (Kevin L Anderson)
Subject: Hamfest Report -- Rock Island, IL
Message-ID: <19970216.154528.7855.0.kb9iua@juno.com>

Hi, Gang,

At least one report from my local hamfest:

First, I lugged (!:-) away a BC-342-M receiver for \$ 75, including a homebrew speaker. The radio plays; however I'd give it's front panel only a 5-6 (out of 10). My first WW II receiver. For those who are keeping track -- Serial No. 1522, RCA, Order No. 5096-Phila-42. Got this radio from someone I trust, Walt Hollings, the person I bought a decent HQ-110 from last year.. Also bought a good condition 1947 ARRL handbook for \$15 and got some tubes, \$1 each for 6CL6's, and \$2 each for 12SG7's, and the 50/35 pair for AA5 rigs.

(For education: The 342 is the 110 VAC equivalent to the BC-312, which are both ground forces rcvrs from WWII. The 324/348 pair are the similar aviation radios. The 342 has crystal filter (phasing), 470 kc. IF, 6 bands, 1.5 to 18 mhz, and VT-67 and -68 seemed to be the tubes..)

Stuff I saw:

R-388, homebrew covers, good condition, but drum dial half worn away, so hard to read frequencies, no price
Globe Scout, real nice condition, \$65, went home with owner (who left earlier; I was tempted, but my budget was small)
HQ-100, very good condition, \$75, sold (sold by the same guy I got my receiver from, Walt Hollings)

SuperSkyrider, \$125, very good condition (also Walt Hollings)
not sold yet by 10:30
SP-600, rack model, \$100 (?), sold before doors opened
Several 4-lines, mostly TR-4/RV-4/MS-4 setups, can't recall
prices, but none sold that I could see
Several S-40, \$40 to 80
SX-99, \$40, needing work
Heath HW-100, \$100 (didn't sell by 10:30)
HW-101, power supply, and some other Heath component,
package deal only, \$425 (didn't sell by 10:30; I wonder why not :-)
HW-16 and HG-10B VFO, modified to allow for A3 reception ,
including a toggle switch prominently on the front :-(,
\$80, wasn't selling
HW-16 only, tight, twisted tuning knob, otherwise good condition
without evident mods, \$75, not selling
HR-10B, good, \$60
several Swans and Tempo's -- didn't pay attention, but they
did not seem to be selling either
S-38A, S-38B,S-38C, \$20 to 40, poor condition -- only the -C
model sold that I saw, and it was the best cond. at \$20
HT-32 in real nice condition, in bag, can't recall price (was \$much)
A number of 6-meter rigs (Gonsets, etc), none seemed to be selling
Heath HW-8 (for the QRP inclined :-), real nice condition, \$100 sold
No bugs that I saw, although I was hoping :-).

What did I miss?? (what was it you bought, Tom Laird?)
Sorry, I'm still not the best at remembering prices. The R.I.
fest has quite a number of computer folks there, although +half
is still radio-oriented. Not present this year, surprisingly, was
Nebraska Sales & Surplus, who seem to always come. It
had snowed 4 inches the night before, so at opening (7:30) it
was not crowded at all; plenty busy from 9 to 10, however.

Cheers/73. Kevin, KB9IUA, Rock Island IL
* * * * *
Kevin Anderson, KB9IUA, Rock Island IL USA
kb9iua@juno.com or kla@helios.augustana.edu
* * * * *

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997
From: "Roger A. McCarty" <rmccarty@deltanet.com>
Subject: Help Pse, HQ170A
Message-ID: <3307A03A.5CD8@deltanet.com>

Can someone suggest a trouble shooting procedure for this problem?

I have new problem that just reared it's ugly face in my Hammarlund

HQ-170A-VHF. It has developed a very high noise floor. It sounds exactly the same as 160 or 75 Meter atmospheric noise. The problem is, the noise is there with/without an antenna connected.

I need to localize to stage. Using a scope, I find the noise is everywhere, from the RF amp right through the audio stages. It's on bypass components as well as signal path components. Power supply? I don't think so. I get a straight line on the scope on the output of the Power supply.

Pulling tubes to isolate is confusing at best, as the noise disappears only when the last IF stage is pulled. I am not convinced this is the problematic stage, because of what I mentioned earlier, the noise shows up everywhere.

Replacing capacitors carte blanche is not an efficient method in this case. There are hundreds of them, many would require a complete disassembly of the unit to attain access.

Anyone tackled a similar problem that can provide a method to isolate? Btw, all voltages check very close to those specified.

Thanks in advance,

Roger KD6CC

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997
From: wallace@world.std.com (Andy Wallace)
Subject: Re: Help Pse, HQ170A
Message-ID: <330aa7cc.28881542@world.std.com>

On Sun, 16 Feb 1997 18:09:15 -0600 (CST), "Roger A. McCarty"
<rmccarty@deltanet.com> wrote:

>Can someone suggest a trouble shooting procedure for this problem?
>

>I have new problem that just reared it's ugly face in my Hammarlund
>HQ-170A-VHF. It has developed a very high noise floor. It sounds exactly
>the same as 160 or 75 Meter atmospheric noise. The problem is, the noise
>is there with/without an antenna connected.

Some of you may remember my "arcy sparky HQ-170" posts of last year. It turned out to be inside one of the IF cans. On these rigs, the IF cans have caps across the windings, but they aren't discrete caps, they're silver coated wafers of mica sandwiched inside the can base itself!

I hope this isn't your problem, Roger. It was a bear to fix and the transformer that failed was one of the easier ones to get at! But before the thing actually started SMOKING, the symptom was a rushing noise.

It could also be your regulator tube (0A2? I forget) -- that can cause similar sounds and can be not obvious.

Good luck and let us know what you find.

73,
--Andy
wallace@world.std.com
<http://world.std.com/~wallace/>
(vacuum tube ham stuff)
Comments appreciated!
[click RELOAD if you haven't visited
in a while...I may have added new stuff!]

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997
From: merrigan@ee.ualberta.ca
Subject: High Quality Manuals..more
Message-ID: <199702170023.SAA01541@uro.theporch.com>

I have several more HQ manuals available for those who are interested:

Hammarlund SP-600J/JX Operator's manual
Hammarlund HC-10 Converter manual
Hammarlund HQ-180 manual
Hammarlund HQ-180A manual
Hammarlund HQ-145A manual
Hallicrafters SX-101A manual
Hallicrafters SX-117 manual
Hallicrafters SX-115 manual
Hallicrafters HT-33B manual
Hallicrafters HT-37 manual
R390A Operator's manual TM 11-5820-358-10
R389 Manual TM 11-855/TO 31R1-2URR-161

The paper quality, binding choices, and production methods I use make my manuals better than the originals in many ways (particularly for the large TM manuals)

As usual, email for specific information; the R-389 manual in particular has several different configurations available.

Thanks,

Shaun

--

merrigan@nyquist.ee.ualberta.ca
Electrical Engineering Student
University of Alberta
Edmonton, Alberta, Canada

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Jack Harper <jharper@bs2000.com>
Subject: HQ-180 Back to Life (Thanks to the List!)
Message-ID: <199702171758.KAA03529@lynx.csn.net>

After about six-weeks of spare time work -- and an enormous amount of
'fiddlin around' I have finally gotten my HQ-180 receiver in tip-top shape.

I found all kind of minor (and a few major) problems -- had to replace a
handfull of capacitors/resistors that had drifted way off original values;
several cold solder joints; one completely unsoldered wire that was just
wound around the cathode pin of the AVC tube(!?); several weak tubes; and,
of course, completely aligned the thing (IF/RF) so that it now tracks across
the bands perfectly.

This is the very first time in my life that I have managed to actually go
through a receiver like this and end up with a radio that is much better
than that which I started with. Boy -- Have I learned a lot!

My most sincere Thanks to the members of the BA List that contributed
numerous hints, thoughts, and just good old encouragement. To have made the
progress that I did would have been completely unthinkable without the BA
List. Thank You! Thank You! Thank You!

Next project -- a currently unsuspecting HQ-170 that has been sitting there happily staring at me for quite some time. It will be my next 'complete overhaul' victim.

Regards to all...

Jack, KC0LR (Friend to all things Hammarlund)

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: Stefan A Schulz <sas1757@tntech.edu>
Subject: I have R-390a original top and bottom covers...
Message-ID: <Pine.PMDF.3.91.970217100228.539002022A-1000000@tntech.edu>

Anchorites,

I have original top and bottom covers that go with the set and they are in ok shape. The bottom one has holes drilled for feet (yes, someone tried to support the '390' with the cover!). It also has the RF dust cover but that I think I'll keep. I didnt realise that these things were rare. The covers are nice because it make the '390' look oh so spiffy whe you have them sitting out. I have a rak mount so I really have no use for covers. I take the best offer including shipping.

Stefan Schulz
Tennessee Tech Univ.
Cookeville TN 38505
sas1757@tntech.edu

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
Subject: I'net & Eimac / Dayton speaking engagement
Message-ID: <199702171325.IAA16819@aa4rm>

Say congrats - & the observation of you most-net-saavy folks fiddling with filaments is a HUGE INDICTMENT of how wrong-headed this sub-micron cordless xcvr stuff has gotten.

A possible survival path for our hobby is with a build-it-1st reqm't like east Europe.

Without personal gear-identity, it'll be gonzo QSTzville

Whydya think the triode audio crowd increases? You can work on the amps

with gas pliers. that's why.

Scusa me making an APB outa this personal note.

Marty

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997
From: Robert Fowle <hammarlund@jacksonmi.com>
Subject: Items FS: & whats address to send subscription money too?
Message-ID: <3308C2E5.1CC8@jacksonmi.com>

Hi gang;

first: need address to send my subscription money too

Phil here at the Porch...

second:

have the following to find new homes for:

1 NOS still wrapped and sealed Aircap for BC-610E(others?)

this is the big air vairable next to the plugin coil...\$60 shipped

also have..a pair of EFJ airvariables from Collins 180S-1's

will take \$47 for the pair shipped.

also have from same as above: 20 fixed ceramic caps 100mmf @ 5,000wv
will take \$55 for all shipped..

from same: 1 jennings vacvariable UC5L-500 @ 3,000 v with mounting
hardware.....\$100 shipped

from same: coax input panel..with jack-plugins...\$13 shipped

from same: 2 15uh rollerinductors...\$35 each shipped

thats it for now..have lots of other items..don't hesitate to email and
ask if i have anything you may be looking for...

thanks

Robert

--

**** Visit my Web Page.....****

=====]-->

Robert Fowle KC8DBC

1215 Winifred

Jackson, Mich. 49202-1946

Ph. 517-789-6721

E-mail: hammarlund@jacksonmi.com

Web Page: <http://www.jacksonmi.com/hammarlund>

NOW... BOATANCHORS Conference!

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Moderator: Robert Fowle

at: <http://www.inetnc.com/hamchat/>

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: "Paul Bocci-CPB007" <Paul_Bocci-CPB007@email.mot.com>
Subject: Johnson 122 VFO Manual
Message-ID: <Macintosh */PRMD=MOT/ADMD=MOT/C=US/@MHS>

Howdy Folks,

One of the local clubs held an auction Friday night and I was lucky enough to come home with a Johnson 122 VFO. It looks like it is in good shape but has several mods, mainly to resistors in the plate supply. Has anyone got a manual or copy available for this baby so I can get it back to stock for use with my Challenger?

73 es ZUT
Paul, K9NO
cpb007@email.mot.com

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: w2ec@VNET.IBM.COM
Subject: Re: KWM-2A Audio cutout - problem resolved....
Message-ID: <199702171502.JAA25315@uro.theporch.com>

Thanks to all who responded. Turned out that it was actually the RF gain control that was dirty/noisy and cutting in and out. I replaced it, TEMPORARILY, with a RS 10K pot and it's working fine now. As soon as I get an original pot, I'll put it back in the rig. Can't have any RS parts in the Collins, you know. By the way, tried De-ox-IT and this time it didn't come to the rescue. Checked the offending pot after it was out and sure enough there were several different settings where I could open up the circuit completely. Full CW was intermittent, even without tapping it.

73, Ray W2EC

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997
From: RIlowite@aol.com
Subject: Re: KWM-2A Audio cutout--long
Message-ID: <970217001801_1514302612@emout17.mail.aol.com>

Dave: I will need a little time to get it all together and as soon as I have researched the files I will send you a complete article with diagrams and descriptions of parts and mounting procedures. Also there had to be some changes in the time constants of the vox circuit because of the much faster switching time of the new system. As I said it is not a project for the faint hearted or impatient types. It took a long time to get it all together and

work right.
Regards;; Ralph W2GKG

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997
From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>
Subject: Misc FS
Message-ID: <199702170131.TAA20613@legend.txdirect.net>

Here's some goodies at what I think is a reasonable price. I've cleaned them up, plugged them in and they don't smoke. No manuals. If you don't like a price or want a bunch deal, make me a counter offer or trade. I'm cheap and easy. Satisfaction guaranteed, if you get something and don't like it just send it back for a refund. Prices plus shipping. Drop me a private e-mail for specific details on specific units. What a dealhuh??? :)

\$20 First Come First Served Specials.....

PACO C-25 Capacitor Checker
Heathkit V-6 VTVM (crack in plastic meter cover)
EICO 955 Capacitor Checker
Heathkit G-5 Signal Generator
H-P 400 Meter (of some kind)
Heathkit AG-7 square/sine wave generator
KnightKit KG-694 VTVM
Heathkit CC-1 CRT Checker
RCA Battery Voltohmst

LA-265D Scope Plug-in (Same as Tektronix D) - \$25

Simpson 303 AC VTVM (Looks like a 260) - \$30

Hickok 1600-BR VTVM (rack mount, 7 in high, all probes including RF) - \$50
(a real beauty for you rack guys!)

OLD QSTs (Make Offer)...Oct 24/Aug 25/Jan, Mar, Jul 26/Dec 28/Jan, Mar, Dec 29

US Army Radio Transmitter BC-978-A (Target), Made in 1943 by Press Wireless in Chicago - \$25

Thanks in advance for your assistance in cleaning out my garage and 73,
gary

[illegible]

[illegible]

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997
From: Mike Sanders <k0az@i1.net>
Subject: More on Quad fest
Message-ID: <3.0.16.19970216202848.2d272678@i1.net>

Greetings Again All,

Now that I have had a chance to partially settle in to being back home I took a bit of time to check out the fest booty. I had bought a small home brew receiver about the size of the Drake 2B. Very nicely done. A bit dirty as you might expect but the work was obviously first rate. This little rx uses a crystal heterodyne bandswitch scheme. 455 low if as you might expect. A couple strange things that might look familiar to someone. Naturally I got no paperwork with the receiver. So anyone recalling ever seeing anything like this might be helpful. The thing uses a couple 6T9 compactron tubes. I have not traced or checked out what is what where. Hasnt been much time to do so yet. Also the receiver was made for CW only. The BFO has no switch. The receiver works quite nicely on CW and SSB too. S meter on the front panel. The main tuning dial uses a National Velvet Vernier with what I think is a main tuning knob from an RME 6900. The dial plate is Archer and unmarked except for a few pencil nicks.

Just a fine little receiver that is worth repackaging after clean up and check out. AF gain. RF gain. Pitch. Bandswitch. Antenna trimmer. What I think is the AGC on/off toggle and what was a calibrator toggle. The wiring has been cut from the calibrator switch. When I get back home later this week I will trace it out and see what is what. In the meantime if anyone has ever seen something like this let me know. I'm hoping it is in a magazine somewhere. The two 6T9s strike me as odd. I do not remember seeing them used in a RX before. I built and still have one of the 6T9 transmitters.

Only other BA item was a nice EV mike. I will have to check it out for ID soon and see what it is if I can. 73, Mike K0AZ

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997

From: "Andy Howard, WA4KCY" <sweetbay@compuserve.com>
Subject: Re: More on T-368 Driver Tubes
Message-ID: <199702171403_MC2-1160-978A@compuserve.com>

There has been some recent discussion about the 6000 type tube that is used for an RF driver in the T-368 transmitter. The 6000 tube was built by Tungsol. Theirs is the only one that I have seen but as was pointed out by Bob, NA4G, Raytheon may have in fact made some.

I have seen several replacements for the elusive 6000 tube. I have a T-368 and enough 6000's to last my lifetime but others may not be so fortunate. One of the replacements that seems to work well is a 2E26. Of course the socket will have to be rewired, get the 6 volts for the filament from the multiplier string and retune the exciter.

A much easier alternative is the 25AV5 TV tube. These work on a plug-in basis but seem to be short lived because of lower plate dissipation. What I have found to be the best replacement is the fairly common 6AV5. The only change in wiring is the filament which needs 6 volts instead of 26. This is easily accomplished since the multiplier filament string has plenty of head room.

It is however, always a good idea to tweak up the stages in the exciter after any tubes are changed. There are several people whom I know that are using the T-368 exciter deck as a QRP CW transmitter and as an exciter for other rigs. They are very stable and the "F" model that I have has a heated PTO for even better stability.

I hope that this helps those who are fearful of having to pay the big bucks for a 6000 tube should theirs fail. One last thought - I have never seen a 6000 tube that was bad. They seem to last forever. They were commercially available from Tungsol in the late 50's if my memory serves me correctly.

Regards to all,

~~~~~  
Andrew E. (Andy) Howard, Sr., WA4KCY  
105 Sweet Bay Lane  
Carrollton, Georgia 30116-8519  
<><

~~~~~  
"Our Constitution was made for a moral and religious people.
It is wholly inadequate for the government of any other."
John Adams-1798
~~~~~

If he could only see us now . . . .



From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: paul Veltman <veltman@netcom.com>  
Subject: Names that keep coming up.  
Message-ID: <Pine.3.89.9702161606.A9189-0100000@netcom21>

Hi Gang,

You know how certain names keep coming up again and again. Terman's Radio Engineering, for example is a sought after volume on this list. Well sir, I was sitting in the shack this morning with the requisite cup of strong coffee and the Sunday edition of the San Jose Murky News, when my eye caught an interview with Bill Hewlett of HP fame. Well, in the course of the interview, who did he mention as his EE mentor at Stanford, none other than our friend Terman. Interesting.

73

Paul WA6OKQ

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: KG9IL@aol.com  
Subject: NC-300 parts wanted  
Message-ID: <970216220221\_1423315021@emout07.mail.aol.com>

Looking for the 6 and 2 meter converters for the NC-300. Also need the original type light gray, oblong BAND switch knob.

Thanks and 73 de Kevin KG9IL

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: J P Taillebois <jpt1@idirect.com>  
Subject: Need 1 6BY5,1 6DQ5,2 12DQ6  
Message-ID: <199702171522.KAA17624@relief.idirect.com>

Let me know if you have.

73

Jean Paul Taillebois 996 Greenlane court, Oshawa, Ontario,Canada L1K-2C6  
e.mail jpt1@idirect.com  
packet: ve3jpt@va3vw  
voice:905-723-1811  
fax/data:905 723-9156  
Collector: Hallicrafters,Central-Electronic,Gonset, Military BA, antique

radio memorabilia.

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: k9gdt@juno.com (George P Sieverson)  
Subject: Need 455 KHz crystal  
Message-ID: <19970216.171441.9430.0.K9GDT@juno.com>

Greetings bulbaholics,

I'm looking for a 455KHz crystal. It's physical geometry doesn't matter, as long as it will oscillate. Willing to pay reasonable cost + shipping.

Cheers 'n beers,  
73, Goerge

\*\*\*\*\*

George Sieverson  
Barrington, IL  
K9GDT@JUNO.COM

\*\*\*\*\*

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: "Ray L. Mote" <rmote@rain.org>  
Subject: Re: Need 455 KHz crystal  
Message-ID: <Pine.SUN.3.95.970216223439.24310C-100000@coyote.rain.org>

Don't tell the BAfolk I said this, but... if you look in a mangled IF deck from either an R-390 or R-390A, chances are that the little 455 Kc HC-6 crystal is still hiding inside one of the IF cans. How d'ya think they get that 1 Kc selectivity position? <heh, heh> Should be a \*bunch\* of IF decks that have been gutted for the mechanical filters in R-390A's over the years. Fair Radio probably has a number of 'em and could strip out the crystal for you.

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: Bob Reynolds <breynd@sigg.com>  
Subject: NEEDED - parts  
Message-ID: <97Feb17.104705cst.19652@firewall.sigg.com>

RESPONSE switch for the SX-100

3 grey knobs for a DX-60, same as knobs on HR-10B

THANKS

73, Red, K5VOL  
breynold@sigg.com

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: Roland S Geter Sr <wb6lna@primenet.com>  
Subject: Parts Needed - SX-99  
Message-ID: <199702170408.VAA06483@primenet.com>

Need REC/STANDBY switch for the Hallicrafters SX-99 receiver. Urgent.

73's, Roland S. Geter PhD - WB6LNA/7  
Internet: wb6lna@primenet.com  
roland@primenet.com  
ax25: WB6LNA@kc7y.az.usa.noam  
Toll-free: 800-399-4383 x765 anytime 24hrs

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| Visit our Web page for brand newly manufactured |  
| Collins Radio Accessories and tell others. |  
| http://www.primenet.com/~romad/collins.htm |  
|-----|
```

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: Mikhael Brown <mikhael@hpcmmp13.sj.hp.com>  
Subject: QST WTB/T  
Message-ID: <199702171914.AA174756890@hpcmmp13.sj.hp.com>

I have the following duplicate copies of QST to sell or trade.

Oct, Nov & Dec 1950  
Aug, Sept, Oct, Nov & Dec 1951  
Dec 1962

I am looking for the following issues of QST.

Any before Dec 1932

Feb through Aug 1933  
Oct through Dec 1934  
Mar through Sept 1955  
July 80 through Jan 82  
Feb 82 through Feb 83  
June & July 1984

Please e-mail me direct.

73's

Mike

--

This is a private opinion or statement and is nobody's fault but mine. No person, employer, or government should try to take credit for it!

N6WIG

mikhael@hpcmmp13.sj.hp.com

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: Mike Sanders <k0az@i1.net>  
Subject: Quad cities BAfest.....  
Message-ID: <3.0.16.19970216182150.23a74412@i1.net>

Greetings All, My back is still not straight from the drive but wanted to make a quick post about the Moline fest. It snowed a bit on us Saturday night but that did not slow attendance much if any. A good amount of BAs and BAers made it a really good fest. Our little group voted to do it again. Even my XYL enjoyed herself. A major bonus for sure. Met several fellas from the list and saw a few really fine pieces up for sale. Moved one of the HROs to another appreciator of fine iron. I sure hope I don't miss that 60 but we only have so much room here. Even moved some "junk" off the project shelf to someone elses project shelf. All in all a great time. Got to check in to the Collins net while mobile on the way home this afternoon so I guess it was a complete weekend. Moral of the post. Do the quad cities fest if you can.  
73, Mike K0AZ

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: JOHN\_SEHRING.parti@ecunet.org  
Subject: R-390 BALLAST TUBE REPLACEMENT  
Message-ID: <9702171151.aa01398@pcusa01.ecunet.org>

The diode for ballast tube replacement for R-390s thread kind of reminds me

of the way household light dimmers work.

They drive incandescent filaments with no trouble that I know of (except to create RFI!). They are switched on & off 120 times per second. The waveform is a time-truncated sine wave, the off times being some interval plus/minus the zero crossings. The key device in it is an SCR.

You could say that this is a quite harsh waveform as it has very abrupt turn on/off transitions (which also create lots of RFI).

-John Sehring (02/12/97 2:55 pm MT @Baker, Montana) UCC wb2eqg

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: Mort Denison <mdenison@postoffice.ptd.net>  
Subject: R-725 (R390 IF) Ballast Tube  
Message-ID: <3307B00C.7D48@postoffice.ptd.net>

I've seen posted the method to eliminate the 3TF7 ballast in an R390A by replacing the two 6BA6's with 12BA6's. Got some coming from Fair Radio.

In my erstwhile R-725 with the 390 IF deck, how does one get rid of the pesky 3TF7 ballast tube?

Thanks

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: n5off@w5ddl.aara.org  
Subject: R-725 Book, Anyone Found????  
Message-ID: <581979@w5ddl.aara.org>

Has anyone been successful at locating a book for the R-725?

I know the TRD-15 book simply refers one to the 390/390A books, but I believe someone had a lead on a proper book.

Any ideas?

73 Tom

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: Steven Wenger <swenger@fgi.net>  
Subject: Ranger Meter  
Message-ID: <Pine.LNX.3.95.970216181446.10226C-100000@um.fgi.net>

Have meter for a Johnson Ranger. Very good condition - \$40.

73,  
Steve KA9QLF  
swenger@fgi.net

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: JONWEINER@aol.com  
Subject: RE: RAS-5 for sale  
Message-ID: <970217114727\_-1809856592@emout06.mail.aol.com>

I have a complete RAS-5 set-up that I am selling. It consists of the RAS-5 receiver (like a Jr. HRO), separate power supply, speaker, coil storage assembly. All made up as a composite set in a 36"H rack. It has been in storage for many years. will require restoration. All coils are there. This is a pick-up only in Greenville, SC type of radio. \$200. Thanks, Jon, K1VVC

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: "Bob Ragain, 303-470-2534, RAGAIN@SEDALIA.OMNES.SLB.COM"  
<RAGAIN@hubvx6.sedalia.wireline.slb.com>  
Subject: RCA Commercial Receiver/transmitter  
Message-ID: <970216202825.2e00871b@hubvx6.sedalia.wireline.slb.com>

Hello BA fans,

This group always has information on the most obscure equipment. Well, at the Denver hamfest today I picked up a transmitter/receiver which is rather "obscure", for sure.

This is an RCA SSB-1, Mark IV B, 3 to 15 MHz, crystal controlled commercial T/R. The Tx runs 3 6146B's in the final and it looks like it would tune up a wet noodle.

So why did I buy this old radio? I actually got to use several of these for a year or so in Ecuador in the '70s so it really brought back some memories, good and bad. Three of these radios were used to communicate between an oil field service company's office in Quito, Ecuador, the field camp in Lago Agrio, Ecuador (in the eastern jungle) and a remote helicopter portable drilling rig "really" in the jungle. Those old RCA's worked in spite of being dropped in the mud, shaken in the choppers, and running on "rig" power, notorious for poor regulation and noise. The bad memories are associated with having to carry that heavy thing off the chopper! It must weigh 100 lbs.

So, is anyone familiar with the SSB-1, Mark IV B? I'd sure appreciate the very basic info like a block diagram and schematic. Otherwise I'll be

doing some drawing. One of these days the ARES guys here are going to be surprized to have me checking into the nets, crystal controlled, on this old RCA. Can't wait!!

Thanks for any available info (and any stories from anyone else who is familiar with this classic BA).

Bob

PS: I also bought a brand new pair of Svetlana 811A's, a matched pair, at the fest. Still in the original boxes with factory plastic wrap around the pair. Had to have them, but now realize they will just sit because the ART-13 project is a long way off. Anyone interested for the \$30 I paid, plus shipping?

-----  
Bob Ragain WB4ETT Littleton, CO

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: Bob Reynolds <breynold@sigg.com>  
Subject: Re-Knight 100KC X-tal cal module available  
Message-ID: <97Feb17.102714cst.19652@firewall.sigg.com>

The Knight calibrator is a stand alone unit but requires power - it was not used as an option to go into any receiver as required, but as a add-on. I put one into my S-85 about 35 years ago.

73, Red K5VOL

breynold@sigg.com  
< "Lawrence R. Ware" <

Good afternoon folks, whilst scrounging at the Orlando Hamfest this morning I ran across a NIB knight 100 Khz Crystal calibrator module. This is a small sub chassis with the 100KC X-tal and one 6AK6 on it.

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: Nick England <nick@cs.unc.edu>  
Subject: Re: Re-Knight 100KC X-tal cal module available  
Message-ID: <199702171653.LAA24875@altair.cs.unc.edu>

The Knight crystal calibrator model Y-256 (later called the X-10) could be wired into most any receiver, but was sold as an accessory to the Knight Y-726, R-100, R-100A series of receivers and also the R-55 and R-55A receivers. I believe these receivers had mounting holes for the crystal calibrator sub-chassis and switched power to control it, but I'd have to look at my gear at home to confirm this.

Nick the Knight nut KD4CPL

-----

Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina  
http://www.cs.unc.edu/~nick Chapel Hill NC

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: Surplus Al <surplsal@tl.infi.net>  
Subject: Ref inquiries  
Message-ID: <3308CF23.421E@tl.infi.net>

Hi again. Here is a list of manuals I had inquiries on.  
For Sale. Manuals. These are original, depot maint, mint.  
TM 11-637 Covers BC-1000 1944  
TM 11-806 w/schematic pack ,covers T-195/GRC-19 covers all  
TM 11-850 Radio Receivers BC-312 BC-342 BC-314 & 344 covers all models  
TM 11-897 Radio Receiver R-274/FRR  
All Manuals are \$10.00 ea postpaid USA  
I hope this answers the quiriies 73,S Surplus AL

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: Rudy Salomon <rhs@pacbell.net>  
Subject: Re: Ref inquiries  
Message-ID: <3308EC42.271@pacbell.net>

Surplus Al wrote:

>

> Hi again. Here is a list of manuals I had inquiries on.  
> For Sale. Manuals. These are original, depot maint, mint.  
> TM 11-637 Covers BC-1000 1944  
> TM 11-806 w/schematic pack ,covers T-195/GRC-19 covers all  
> TM 11-850 Radio Receivers BC-312 BC-342 BC-314 & 344 covers all models  
> TM 11-897 Radio Receiver R-274/FRR  
> All Manuals are \$10.00 ea postpaid USA  
> I hope this answers the quiriies 73,S Surplus AL

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: "JOSE V.GAVILA (EB5AGV)" <eb5agv@ctv.es>



Subject: Re: Remote VFO Plug

Message-ID: <199702162129.WAA21603@sandra.ctv.es>

Hi Gary and the rest of the BA gang,

As someone told earlier, these are called 'DIN' connectors. 'DIN' is a german standarization organization, similar to 'ISO' and older than it. As an example, in Spain we use 'DIN A4 sheets' instead of 'legal' and lots of other 'DINs'. If you want a source for these connectors, here is pretty easy to find them and I can supply the quantity you want, although I think in the USA you should have them also. Please, let me know.

Best regards.

JOSE

At 18:54 15/02/97 -0600, you wrote:

>Some of the tube type Yaesu transceivers and maybe others used a small plug  
>the size of a 7 pin tube socket to bypass the remote VFO circuits when using  
>the radios without the external VFO. What are these little plugs called and  
>where can I get a couple.

>

>Thanks in advance,

>gary

-----  
73 JOSE V. GAVILA (EB5AGV / EC5AAU)  
46910 Benetusser - Valencia (IM99TK)  
SPAIN

\*\*\* PLEASE, VISIT MY HOME PAGE AT : \*\*\*

http : [//www.geocities.com/SiliconValley/6992](http://www.geocities.com/SiliconValley/6992)

e-mail: eb5agv@ctv.es & eb5agv@amsat.org  
-----

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997

From: Bob Rolfness <rsrolfne@atnet.net>

Subject: Request for Data?

Message-ID: <3307955A.20D0@atnet.net>

Greetings All -

Just picked up a couple items I would like to get a copy of the electrical drawing, book, and/or original manual. Of course all costs will be paid.

1. SKY BUDDY II receiver by Hallicrafters, Model S-119. 3 Bands

covering 2 to 16.4 MHz and standard broadcast. As it has 7 pin  
minitue tubes [6BA6, 6BE6, etc.] and a solid state rectifier, don't  
think its that old. Think maybe about 1960.

2. SIMPSON Model 215 Volt-Ohm-Meter. Looks to be old and possibly a  
for runner of the model 260. Same scales as the older 260 and looks  
like it. In a very nice wooden almost presentation wooden case.

73's Bob W7VZX

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: "William C. Robbins" <billrobb@net-link.net>  
Subject: SB-303 problem  
Message-ID: <199702171503.KAA19210@serv01.net-link.net>

OK....I finally this SB-303 under control (almost). All is fine except that  
when the function switch is turned to the LSB position the audio gets much  
tighter, like a very tight filter (like maybe 1.8khz) is switched in. The  
LSB signal is understandable, but barely. The LMO voltage in LSB/RTTY is  
supposed to be 10 volts and I only get 8. That seems reasonable.

Anyway....HELP!

Bil

WA8CDU Heathkit Collector

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>  
Subject: Re: SB-303 problem  
Message-ID: <v03007801af2e29535a53@[134.53.65.12]>

>OK....I finally this SB-303 under control (almost). All is fine except that  
>when the function switch is turned to the LSB position the audio gets much  
>tighter, like a very tight filter (like maybe 1.8khz) is switched in. The  
>LSB signal is understandable, but barely. The LMO voltage in LSB/RTTY is  
>supposed to be 10 volts and I only get 8. That seems reasonable.

>

>Anyway....HELP!

>

>Bil

>

>WA8CDU Heathkit Collector

Hi Bill,

The symptom you describe is caused by an incorrect frequency of the signal supplied to the crystal filter in the LSB position. When the frequency is off by a few hundred Hz or more, the suppressed carrier double-sideband signal won't be positioned correctly with respect to the xtal filter. Since your SB303 sounds okay in the USB position, but not in the LSB position, there's clearly nothing fundamentally wrong with any circuitry.

There are two ways of adjusting the frequency, and I don't recall which is used in the SB303. In some rigs, there are separate crystals for USB and LSB in the transmit mixer, with padders for each crystal. All you need to do is to adjust the padder for the LSB crystal for the best sounding voice, while listening to yourself in a receiver. If there isn't enough adjustment range for your particular situation, then you'll need to get another crystal.

The other method involves a shift of the VFO (or PT0) when changing sidebands. For this case, there will be a padder in the VFO compartment, and you simply adjust that for the best sound. The manual will tell you which is which.

Good luck,

Jim Garland W8ZR

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: "Allan Fritsche" <fritsche@msn.com>  
Subject: Smithville, TX Hamfest.. I didn't make  
Message-ID: <UPMAIL03.1997021700008000513@msn.com>

Hey Gang, I was truly disappointed to not make the great Hamfest at Smithville. Mainly, because of not seeing Gary Harmon, Phil Mills and an a few others from the list.  
Gentlemen, it was to darn cold for my Texas Butt. (40%).

At any rate, I had to drag my wife around to the antique shops on the west side of Houston. In one place, I tripped over a Zenith T0, that the guy wanted 150.00 for. I said give me a break (looked like S\_\_\_). He said well, I got this little Broadcast band AM'er Zenith for 75. I looked at it an fell in love immediately. I said O.K. for 40 bucks with out tax, title and drive out fees. Now this little guy has the WAVEMAGNET, and is cased in the slinky looking T0 cheap leatherette Briefcase affair.  
Took out the unit this morning and applied the DeOXIT, rubbing alcohol, Horse Piss treatment to it. Chassis is a "10" now.  
Restrung the dial cord and greased the cap and other moving parts, checked

tubes ( amazing all tested O.K.) Put back together and , contraire'  
I used the Variac method of bringing it back to life. Took 2 hours, but still  
got some hum. The usual 40,40,40 at 150V. Still fairly easy to get. Thank GOD.

Anyone have some info on this little guy, Model # is 6G001YX.  
A schematic might help as the filter cap has been strapped over more then  
once.

I know I should post to rec.radio.antique, but I am to comfortable with  
you guys.

Your Friend Al  
fritsche@msn.com

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: km1h@juno.com  
Subject: Speaker recone/replace for 1970 Chevelle SS  
Message-ID: <19970217.134400.11359.0.km1h@juno.com>

I am in need of a source that can re-cone a pair of front speakers from a  
1970 Chevelle SS. They are 4x6" and 10 Ohms.

Or a source of NIB speakers? They are not identical and have different  
magnet mounting and brackets. Original GM part # are 7313141 and 7313151.

Any help appreciated. Tnx.....Carl KM1H

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: "Arthur Moe" <kb7ww@transport.com>  
Subject: Spring cleaning  
Message-ID: <199702170239.SAA14921@butch.transport.com>

Its time to clean the shack. All listed are plus shipping unless noted.

Heath Kit SB-10: This is a good looking unit there are some small  
scratches on the side but the front is very good. I was asked by  
someone what style knobs it had and they are the chrome ones. It  
has the original manual and the connecting cable with plugs. It looks  
like there have been No modifications to this unit. Price \$75.00

Heath Kit DX-100B This unit is a good looking xmtr. seems to  
of had good care during its life. the only modifications that I can  
see are the addition of a loop in the RF compartment which is  
brought out to an S0239 connector and the mike connector had been  
changed. This is not a beater!!! This unit would be hard to ship but  
it could be done. If someone here in the Northwest wants it , I would

bring it with me to Puyallup or Seaside. The XYL says "she would meet someone halfway with it anytime" Price \$175.00

Measurements Crop Model 59 Megacycle Meter (grid dip) this is one the old standards. This meter is in use in my shack all the time it has been used and works good, it has all the coils. The only reason for selling it is I found the model 59 with both the Low freq. and Uhf heads. Now I can dip from 250 cycles to 940 megs with copy of manual. See the ADD in QST page 118 May 1953. Price \$75.00

TenTec Power Mite, I think it is a PM2 covers 80,40,20. it came to me with a box of other things in a take it all deal. Its a fixer, it looks like it's all there, except the two ends of the cabinet. Some one has drilled a hole pattern in the top to mount a speaker. Price \$25.00

Fullerphone MK II, British WW2, These are telegraph terminals They are in fair to good condition there are 2 ea. One headphone. Price \$50.00 for all.

Microphone Headphone combination the mike is marked "Microphone Hand No. 7 " there are no name or Id on the headphones. There are other marking that would make one think that these came from WW2 they have the telltale orange type of stamps on them on the mike RS-2 & sc5601p. the marks on the headphones are under the hard ware and I cant read them. The cord that hooks it all together is of a brownish color with red, white and blue stripes woven in. The plug on the end is a 5 conductor three sided male plug. It really looks new but dusty. Offers?

R.L. DRAKE TR-6 original Manual in good condition. Price \$25.00 I'll pay shipping.

Dow-Key #260B-2604 Relay these were made by Dow-Key while it was part of Kilovac. They are for switching an amplifiers in and out of line. They have 12 vdc coils and gold plated contacts. I 'm using one on my DTR 2000 Dentron. There like having 2 regular ones in one package. Price \$50.00

Its time to clean the shack. All listed are plus shipping.

Heath Kit SB-10: This is a good looking unit there are some small scratches on the side but the front is very good. I was asked by someone what style knobs it had and they are the chrome ones. It has the original manual and the connecting cable with plugs. It looks like there have been No modifications to this unit. Price \$75.00

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You can make offers and I also might trade for ????  
Thank you for reading.  
art  
KB7WW

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: "Arthur Moe" <kb7ww@transport.com>  
Subject: Re: Spring Cleaning mail eaten  
Message-ID: <199702180121.RAA27879@butch.transport.com>

When I got home today to down load my mail. My e-mail program said 128 messages but the server only sent about 70. So if you sent me mail after 4:00 AM PST This morning Please re mail.

One that I did get was from jmlckwd@.....so you don't need to resend. I will reply later.

If you wish send one here and one to kb7ww@chatusa.com

Sorry  
art

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997

From: Larry Godek <AZCOT@gnn.com>  
Subject: Surplus manual #3  
Message-ID: <199702171643.LAA04460@mail-e2b.gnn.com>

Whilst looking for the article on converting the DM-34 dynamotors for command set usage, I thought I'd mention some of the items described therein.

- 1: Converting the AN/CRC-7 to 144 mc.
- 2: Converting the AN/URC-4 to a 2 meter handitalkie
- 3: Using the Western Electric 701A Tetrode
- 4: Converting the MBF Tx/Rx to 6 meters
- 5: Conversion articles for the ARC-4
- 6: Adding a tuning control to the R-23/ARC-5 VHF Rec.
- 7: Modern TVI Proof conversion of the SCR-522
- 8: Various topics on the BC-312, BC-342 and BC-348 Receivers

Other articles cover the APN-1, BC-1335, ARR-2, APT-2, command set mods and assorted other information.

Larry Godek W00GH  
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAO, KN6TUP

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: rdkeys@csemail.cropsci.ncsu.edu  
Subject: T368 driver replacements  
Message-ID: <9702171741.AA157489@csemail.cropsci.ncsu.edu>

Although I don't have a T-368, I have had the manuals for 20 years (and no I won't sell them cuz someday a big grey hunk of iron will find its way home if the car springs hold up). Often I have thought about that silly singlysourced 6000 tube (Raytheon if I remember right). Why they did that has been a mystery, but Art Collins sometimes ran in mysterious circles. I have long thought that the 6146 style tube would work fine in that application as driver. You need to find the 24 volt version (6159?), and rewire the socket to suit. The 26AV7 tube that drops in is nice, if you can find them, but they are not so easy to find either. One alternative that popped up is the common TV 25volt sweep tube on the octal basing such as the 25CU6 and its like. Those would be more



likely to be available since they are not often used anymore and AES has them for a couple of bucks each, in the typical 25 volt octal style sweeps. One might be able to wire up an octal adapter for the 6159 etc., and get it to fit. I dunno if the sweep tubes are short enough to fit, but they probably are. That T-368 is a fine old behemoth, and aside from that silly 6000 tube is a nice BA rig, well worth the effort to restore. It makes the BC-610 look cheap, although I have fond days with a 610 that I finally had to get rid of because it was falling through the floor of the old 1910 house I was living in, even with double 3/4 inch plywood shoring. Now I run concrete floors for BA's. Food for thought.....(:+{} }.....

73/ZUT DE NA4G/Bob UP

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
Subject: temperature compensation question  
Message-ID: <Pine.ULT.3.95.970217144455.8539A-1000000@admin.aurora.edu>

If I have an oscillator that drifts, I supposedly can parallel the coil with a temp compensating cap. My question is, which type cap increases capacitance with a temperature increase, and which type decreases capacitance with a temperature increase?

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>  
Subject: Re: temperature compensation question  
Message-ID: <199702172209.QAA24251@lesol1.dseg.ti.com>

At 02:56 PM 2/17/97 -0600, Bob Roehrig wrote:

>

>If I have an oscillator that drifts, I supposedly can parallel the coil  
>with a temp compensating cap. My question is, which type cap increases  
>capacitance with a temperature increase, and which type decreases  
>capacitance with a temperature increase?

Bob, most of the temp comp caps I've seen have negative coefficients, such as N750 which indicates a negative 750 parts per million drift rate (i.e.,  $-750 \times (10E-6) \times (\text{Temp shift in degrees C})$ ).

Digi-Key has a selection of N750 caps although, interestingly, they state the temp coefficient of the N750's to be -1000 ppm.

I've seen temp comp caps ranging from N1400 to P220, so other coefficients are available, albeit harder to find.

While other common ceramic dielectrics, such as Z5U and X7R change with temperature, their characteristics tend to be unpredictable and non-linear. Your best bet is to stick with the N750's. A series or parallel combo with an NPO will allow you to achieve about any capacitance value and negative coefficient needed.

Regards,  
Bill Sorsby, N5BU

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bill.sorsby@dlep1.itg.ti.com  
Views expressed herein are no one's fault but mine.  
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From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: MODSTEPH@ACS.EKU.EDU  
Subject: That warm feeling...  
Message-ID: <01IFI1A4SXUA00X26Q@ACS.EKU.EDU>

So I just finished restoring a BA speaker that I received in pieces, the Hallicrafters R-48. It looks nice with the SX-111 I wanted to put it with, and the old (burnt orange) Globe Scout 680 happened to be in the operating position, so I tuned own to the 3580 area and heard a faint CQ which I answered. Had a nice (if short) QSO with WA0BPU in Minneapolis. St4eve was running a one-tube xmtr, a 6L6 - so I was using the "high power" with the 40 watts out from the Globe Scout.

And kudos to Steve for a nice (if weak) signal. Got that nice warm feeling from another restoration - and then from a QSO like that. Just wanted to share... :)

73, Al N5AIT  
modsteph@acs.eku.edu  
Allan Stephens

Richmond, Kentucky  
LOOKING FOR (WTB): Multi-Elmac M-1070 ps  
Harvey-Wells APS-50 ps

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
Subject: TS-520 QRO kit  
Message-ID: <308b5c20@scs.philips.com>

Again, it has tubes:

I have the instructions for modifying TS-520 series transceivers to increase the power output to level required by high power amplifiers. It involves replacing the factory finals (S-2001) with matched 6146W's, changing a few resistors and a transformer tap and then neutralizing the final.

I don't have a TS-520 on which to try these modifications, but they were part of a kit, which included the 6146W's, that was sold a few years back.  
Proceed at your own risk.

If anyone would like a copy of the instructions, please send me a business size SASE.

Brian Harris WA5UEK  
3521 Teakwood Lane  
Plano, Texas 75075

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: jkh@lexis-nexis.com (John Heck)  
Subject: Re: Vacuum Tube Homebrew(was Where did the MFG equipment go?)  
Message-ID: <9702171415.AA00342@beans.lexis-nexis.com>

Folks,  
The reference in the AWA "Old Timers Bulletin" to the gentleman who was successfully homebrewing vacuum tubes is as follows. Dr Rudiger Walz, President(1985) of the German Antique Wireless Assn. Dr Walz is a chemist and presentd at the AWA Annual Conference in 1988. I also found a reference to his work in a 1985 issue. One of his tubes pictured in the 1988 issue was of a receiving size triode, and was a tipped, spherical type.

Regards,  
John Heck, KC8ETS  
1009 Donson Drive  
Dayton, Ohio 45429  
(513)865-7036(work)

jkh@lexis-nexis.com

>

> Folks,

> In recent weeks a thread was going for some time about homebrew vacuum tubes.

> As I recall it got started as a discussion about the legendary poor but re-

> sourceful young ham who put together a rig built entirely from homebrew parts.

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997

From: "Grant Youngman" <nq5t@gte.net>

Subject: Wanted: B&W 850A Tank

Message-ID: <199702171739.LAA29599@smtp.gte.net>

Looking for this KW tank. Got one taking up valuable space even though you'll never get around to the that transmitter project?

The solution to your problem is to talk to me about taking it off your hands :-)

Grant/NQ5T

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Grant Youngman / NQ5T

nq5t@gte.net

<http://home1.gte.net/nq5t/index.htm>

Double Oak, TX -- nr Dallas

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997

From: BEN NOCK <106312.1035@compuserve.com>

Subject: War time maps available

Message-ID: <199702171436\_MC2-115E-87D4@compuserve.com>

Not quite a BA, but for anyone with a military BA display, I have recently acquired a bunch of war time RAF maps, UK and the far east, on a cloth material backing, some dated 42 etc.

So if anyone would like to hang one behind their mil gear, on the wall, or in a frame, then get in touch.

Ben G4BXD

MILITARY WIRELESS IN THE MIDLANDS

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: J P Taillebois <jpt1@idirect.com>  
Subject: What is it worth HQ-129 rcvr?  
Message-ID: <199702171522.KAA17597@relief.idirect.com>

Hi,  
Got a lead on one seems like an interesting post war rcvr.  
Any opinions.

73

Jean Paul Taillebois 996 Greenlane court, Oshawa, Ontario, Canada L1K-2C6  
e.mail jpt1@idirect.com  
packet: ve3jpt@va3vw  
voice:905-723-1811  
fax/data:905 723-9156  
Collector: Hallicrafters, Central-Electronic, Gonset, Military BA, antique  
radio memorabilia.

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: hdmeitzen@champion.aclic.com (HD Meitzen)  
Subject: WTB 75A2 Cabinet  
Message-ID: <9702171731.194E60@champion-0845.aclic.com>

I have a 75A2 w/o cabinet would like to find one in any condition.  
Any reasonable offer.  
Thanks  
Dave

From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: djhutch@concentric.net  
Subject: WTB: HX-50A  
Message-ID: <3308841F.345D@concentric.net>

Hello!

Does anyone have a Hammurland HX-50A for sale or know of one that might  
be for sale?

Thanks for checking.

73's

Dave Hutchison K9ht

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: Hadley Allhands <had@mail1.halcyon.com>  
Subject: WTB: 9002s  
Message-ID: <Chameleon.4.01.2.970216163033.had@.halcyon.com>

Anybody have a couple of 9002 UHF Triodes they would like to part with.

Thanks,  
Hadley

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Name: Hadley Allhands, K7MLR  
E-mail: had@halcyon.com hadley@arva.com  
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From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: "Gary F. Franklin" <103273.1070@CompuServe.COM>  
Subject: WTB: Clegg Thor  
Message-ID: <970217015533\_103273.1070\_IHH91-2@CompuServe.COM>

I am looking for a clean Clegg Thor. Doesn't need to work but does need to have a clean front panel and be complete.

Thanks

Gary K8BKB

E-Mail: 103273,1070@compuserve.com

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: "William C. Robbins" <billrobb@net-link.net>  
Subject: WTB: Heath GC-1A Manual  
Message-ID: <199702170134.UAA07640@serv01.net-link.net>

We need a manual or copy of the Heath GC-1A Mohican. Will pay whatever, of course.

Everyone always says they will pay costs and I always feel like a fool for saying it. I just take it for granted that if someone is kind enough to go to the trouble that I will gladly pay.

Bill

WA8CDU Heathkit Collector

From boatanchors@theporch.com Mon Feb 17 00:21:07 1997  
From: w7fg <w7fg@w7fg.com>  
Subject: WTB:TMC-GPR-90  
Message-ID: <199702170336.VAA21805@newton.cimnet.net>

I'm looking for a TMC-GPR-90 with original case, must be in super condition. Willing to pay what is needed.

Gary

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| W7FG Vintage Manuals |  
| 3300 Wayside Drive |  
| Bartlesville, Oklahoma 74006 |  
| |  
| Telephone: 918-333-3754 |  
| Orders Only: 800-807-6146 |  
| |  
| HomePage: http://www.w7fg.com |  
| E-Mail w7fg@w7fg.com |  
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From boatanchors@theporch.com Mon Feb 17 12:51:40 1997  
From: John Hurst <hurstjsj@gte.net>  
Subject: WTD GPR-92 manual  
Message-ID: <3307F157.1C06@gte.net>

I'm trying to help Hank, W6SKF find a copy. He has two RCVRs w/o any manual. I'll relay any info to him. Thanks, John, KU6X

From boatanchors@theporch.com Mon Feb 17 19:55:17 1997  
From: "Roger A. McCarty" <rmccarty@deltanet.com>  
Subject: [Fwd: Re: 6T9 One tube transmitter]  
Message-ID: <3308958A.3AB8@deltanet.com>

Message-ID: <33089570.59D@deltanet.com>